

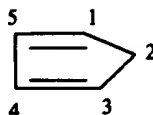
(ii) reacting a metallocene ligand with said alkali metallide of said compound having a -CH group produced in step (i)

wherein said metallocene ligand is a monocyclopentadienyl ligand having the formulae  $C_5H_xR_y$ , wherein

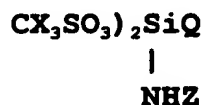
$$x = 0-5$$

$$y = 0-5$$

R = any alkyl or aromatic group and H or R can occupy any of the positions 1 to 5 of the formula



wherein a reaction mixture containing an alkali metallide of said metallocene ligand is produced; and  
(iii) reacting said alkali metallide of said metallocene ligand with a compound of the formula



in which X is H or F, Q may be an alkyl or aryl hydrocarbyl group, and Z is an alkyl or aryl hydrocarbyl group which may be the same or different from Q.--